

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/880,097
Source: IFW/6
Date Processed by STIC: 08/17/2006

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 08/17/2006

PATENT APPLICATION: US/09/880,097

TIME: 11:08:50

Input Set : A:\102728-P01-004.TXT

Output Set : N:\CRF4\08172006\I880097.raw

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4 <110> APPLICANT: Wellstein, Anton
6 <120> TITLE OF INVENTION: PLEIOTROPHIN GROWTH FACTOR RECEPTOR FOR
7 THE TREATMENT OF PROLIFERATIVE, VASCULAR AND NEUROLOGICAL
8 DISORDERS
10 <130> FILE REFERENCE: 102728-P01-004
12 <140> CURRENT APPLICATION NUMBER: US 09/880,097
13 <141> CURRENT FILING DATE: 2001-06-14
15 <150> PRIOR APPLICATION NUMBER: US 60/211,491
16 <151> PRIOR FILING DATE: 2000-06-14
18 <160> NUMBER OF SEQ ID NOS: 2
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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23 <211> LENGTH: 5293
24 <212> TYPE: DNA
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30 agcagtgtaa acggcctcct ccggcgggat gggagccatc gggctcctgt ggctgctgcc 180
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106 tacagagaaa cccacaaaaa agaataatcc tatagcaaag aaggagccac acgagagggg 4740
107 taacctgggg ctggaggggaa gctgtactgt cccacctaac gttgcaactg ggagacttcc 4800
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128 Ala Ala Gly Pro Pro Leu Gln Pro Arg Glu Pro Leu Ser Tyr Ser Arg
129 35 40 45
130 Leu Gln Arg Lys Ser Leu Ala Val Asp Phe Val Val Pro Ser Leu Phe
131 50 55 60
132 Arg Val Tyr Ala Arg Asp Leu Leu Leu Pro Pro Ser Ser Ser Glu Leu
133 65 70 75 80
134 Lys Ala Gly Arg Pro Glu Ala Arg Gly Ser Leu Ala Leu Asp Cys Ala
135 85 90 95
136 Pro Leu Leu Arg Leu Leu Gly Pro Ala Pro Gly Val Ser Trp Thr Ala
137 100 105 110
138 Gly Ser Pro Ala Pro Ala Glu Ala Arg Thr Leu Ser Arg Val Leu Lys
139 115 120 125
140 Gly Gly Ser Val Arg Lys Leu Arg Arg Ala Lys Gln Leu Val Leu Glu
141 130 135 140
142 Leu Gly Glu Glu Ala Ile Leu Glu Gly Cys Val Gly Pro Pro Gly Glu
143 145 150 155 160
144 Ala Ala Val Gly Leu Leu Gln Phe Asn Leu Ser Glu Leu Phe Ser Trp
145 165 170 175
146 Trp Ile Arg Gln Gly Glu Gly Arg Leu Arg Ile Arg Leu Met Pro Glu
147 180 185 190
148 Lys Lys Ala Ser Glu Val Gly Arg Glu Gly Arg Leu Ser Ala Ala Ile
149 195 200 205
150 Arg Ala Ser Gln Pro Arg Leu Leu Phe Gln Ile Phe Gly Thr Gly His
151 210 215 220
152 Ser Ser Leu Glu Ser Pro Thr Asn Met Pro Ser Pro Ser Pro Asp Tyr
153 225 230 235 240
154 Phe Thr Trp Asn Leu Thr Trp Ile Met Lys Asp Ser Phe Pro Phe Leu

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159				275					280					285		
160	Ser	Trp	Arg	Arg	Ile	Pro	Ser	Glu	Glu	Ala	Ser	Gln	Met	Asp	Leu	Leu
161		290					295						300			
162	Asp	Gly	Pro	Gly	Ala	Glu	Arg	Ser	Lys	Glu	Met	Pro	Arg	Gly	Ser	Phe
163	305						310					315				320
164	Leu	Leu	Leu	Asn	Thr	Ser	Ala	Asp	Ser	Lys	His	Thr	Ile	Leu	Ser	Pro
165					325							330				335
166	Trp	Met	Arg	Ser	Ser	Ser	Glu	His	Cys	Thr	Leu	Ala	Val	Ser	Val	His
167				340					345					350		
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169				355					360					365		
170	Asn	Glu	Ala	Ala	Arg	Glu	Ile	Leu	Leu	Met	Pro	Thr	Pro	Gly	Lys	His
171		370							375					380		
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173	385					390						395				400
174	Arg	Val	Ala	Leu	Glu	Tyr	Ile	Ser	Ser	Gly	Asn	Arg	Ser	Leu	Ser	Ala
175					405							410				415
176	Val	Asp	Phe	Phe	Ala	Leu	Lys	Asn	Cys	Ser	Glu	Gly	Thr	Ser	Pro	Gly
177				420					425					430		
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179			435						440					445		
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181		450							455					460		
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183	465					470						475				480
184	Asn	Phe	Glu	Asp	Gly	Phe	Cys	Gly	Trp	Thr	Gln	Gly	Thr	Leu	Ser	Pro
185					485							490				495
186	His	Thr	Pro	Gln	Trp	Gln	Val	Arg	Thr	Leu	Lys	Asp	Ala	Arg	Phe	Gln
187				500						505				510		
188	Asp	His	Gln	Asp	His	Ala	Leu	Leu	Leu	Ser	Thr	Thr	Asp	Val	Pro	Ala
189				515										520		525
190	Ser	Glu	Ser	Ala	Thr	Val	Thr	Ser	Ala	Thr	Phe	Pro	Ala	Pro	Ile	Lys
191		530												535		540
192	Ser	Ser	Pro	Cys	Glu	Leu	Arg	Met	Ser	Trp	Leu	Ile	Arg	Gly	Val	Leu
193	545					550						555				560
194	Arg	Gly	Asn	Val	Ser	Leu	Val	Leu	Val	Glu	Asn	Lys	Thr	Gly	Lys	Glu
195					565							570				575
196	Gln	Gly	Arg	Met	Val	Trp	His	Val	Ala	Tyr	Glu	Gly	Leu	Ser	Leu	
197				580								585				590
198	Trp	Gln	Trp	Met	Val	Leu	Pro	Leu	Leu	Asp	Val	Ser	Asp	Arg	Phe	Trp
199				595										600		605
200	Leu	Gln	Met	Val	Ala	Trp	Trp	Gly	Gln	Gly	Ser	Arg	Ala	Ile	Val	Ala
201		610												615		620
202	Phe	Asp	Asn	Ile	Ser	Ile	Ser	Leu	Asp	Cys	Tyr	Leu	Thr	Ile	Ser	Gly
203	625						630					635				640

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208 Gln Thr Pro Ile Phe Asp Pro Thr Val His Trp Leu Phe Thr Thr Cys
209           675           680           685
210 Gly Ala Ser Gly Pro His Gly Pro Thr Gln Ala Gln Cys Asn Asn Ala
211           690           695           700
212 Tyr Gln Asn Ser Asn Leu Ser Val Glu Val Gly Ser Glu Gly Pro Leu
213 705           710           715           720
214 Lys Gly Ile Gln Ile Trp Lys Val Pro Ala Thr Asp Thr Tyr Ser Ile
215           725           730           735
216 Ser Gly Tyr Gly Ala Ala Gly Gly Lys Gly Gly Lys Asn Thr Met Met
217           740           745           750
218 Arg Ser His Gly Val Ser Val Leu Gly Ile Phe Asn Leu Glu Lys Asp
219           755           760           765
220 Asp Met Leu Tyr Ile Leu Val Gly Gln Gln Gly Glu Asp Ala Cys Pro
221           770           775           780
222 Ser Thr Asn Gln Leu Ile Gln Lys Val Cys Ile Gly Glu Asn Asn Val
223 785           790           795           800
224 Ile Glu Glu Glu Ile Arg Val Asn Arg Ser Val His Glu Trp Ala Gly
225           805           810           815
226 Gly Gly Gly Gly Gly Gly Gly Ala Thr Tyr Val Phe Lys Met Lys Asp
227           820           825           830
228 Gly Val Pro Val Pro Leu Ile Ile Ala Ala Gly Gly Gly Arg Ala
229           835           840           845
230 Tyr Gly Ala Lys Thr Asp Thr Phe His Pro Glu Arg Leu Glu Asn Asn
231           850           855           860
232 Ser Ser Val Leu Gly Leu Asn Gly Asn Ser Gly Ala Ala Gly Gly Gly
233 865           870           875           880
234 Gly Gly Trp Asn Asp Asn Thr Ser Leu Leu Trp Ala Gly Lys Ser Leu
235           885           890           895
236 Gln Glu Gly Ala Thr Gly Gly His Ser Cys Pro Gln Ala Met Lys Lys
237           900           905           910
238 Trp Gly Trp Glu Thr Arg Gly Gly Phe Gly Gly Gly Gly Gly Cys
239           915           920           925
240 Ser Ser Gly Gly Gly Gly Gly Gly Tyr Ile Gly Gly Asn Ala Ala Ser
241           930           935           940
242 Asn Asn Asp Pro Glu Met Asp Gly Glu Asp Gly Val Ser Phe Ile Ser
243 945           950           955           960
244 Pro Leu Gly Ile Leu Tyr Thr Pro Ala Leu Lys Val Met Glu Gly His
245           965           970           975
246 Gly Glu Val Asn Ile Lys His Tyr Leu Asn Cys Ser His Cys Glu Val
247           980           985           990
248 Asp Glu Cys His Met Asp Pro Glu Ser His Lys Val Ile Cys Phe Cys
249           995           1000           1005
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251           1010           1015           1020
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